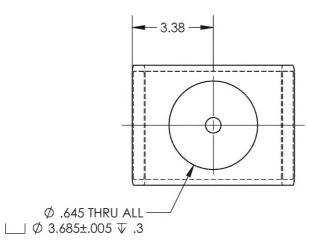
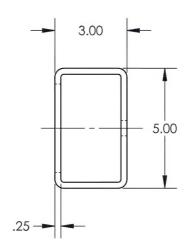
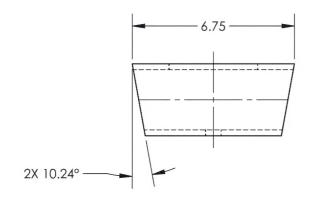


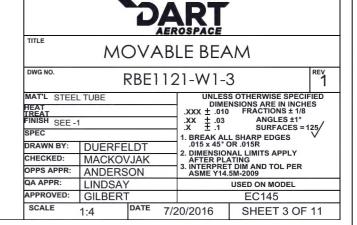
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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED







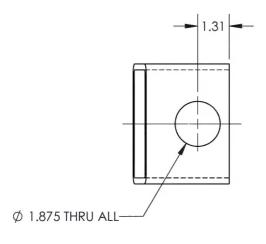


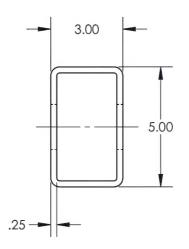


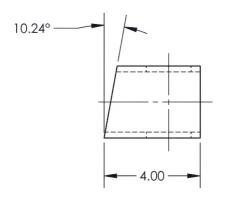
-3 MIDDLE TUBE

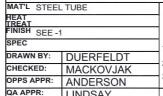
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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED











TITLE

DWG NO.

UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ±1° .X ± .1 SURFACES = 125/	
.X ± .1 SURFACES = 125/	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER	

 OPPS APPR:
 ANDERSON
 ASME Y14.5M-2009

 QA APPR:
 LINDSAY
 USED ON MODEL

 APPROVED:
 GILBERT
 EC145

 SCALE
 1:4
 DATE
 7/20/2016
 SHEET 4 OF 11

MOVABLE BEAM

RBE1121-W1-5

(-5)

END TUBE

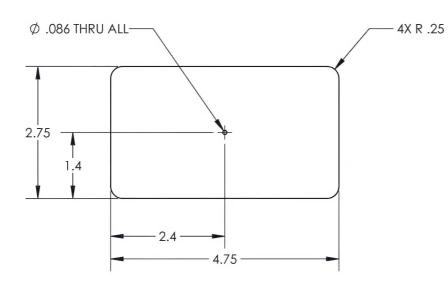
REVISIONS This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR. INITIAL APPROVED REV ECR DESCRIPTION DATE - 2X 10.24° 3.00 **- 14.12 -**



TITLE	MOVABLE BEAM								
DWG NO.	F	RBE1	12	21-W1-7	7 REV				
MAT'L STEE	L TUBE				S OTHERWISE SPECIFIED				
HEAT TREAT				.XXX + .010	NSIONS ARE IN INCHES FRACTIONS ± 1/8				
FINISH SEE	.1			.XX ± .03 .X ± .1					
SPEC					1/				
DRAWN BY:	Laurane	. D.T		1. BREAK ALL SHARP EDGES V .015 x 45° OR .015R					
	DUERFE	LDT			VAL LIMITS APPLY				
CHECKED:	MACKO\	/JAK		AFTER PLA	TING				
OPPS APPR:	ANDERS	ON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009					
QA APPR:	LINDSAY	′			USED ON MODEL				
APPROVED:	GILBERT				EC145				
SCALE	1:4	DATE	7/2	20/2016	SHEET 5 OF 11				

	REVISIONS							
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED			







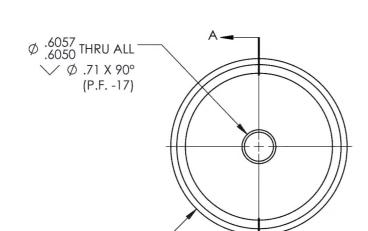
	•		_	RT	,			
MOVABLE BEAM								
DWG NO. RBE11:				21-W1-9	9	REV 1		
MAT'L A36/1018/1020 HR HEAT TREAT FINISH SEE -1				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ±1° .X ± .1 SURFACES = 125/				
SPEC DRAWN BY:	DUERFE	LDT		1. BREAK ALL SHARP EDGES 0.015 x 45° OR .015R				
CHECKED: OPPS APPR:	MACKO\ ANDERS	/JAK		AFTER PLA	T DIM AND TOL PER			
QA APPR:	LINDSAY	′			USED ON MODEL			
APPROVED:	GILBERT				EC145			
SCALE	1:2	DATE	7/2	20/2016	SHEET 6 OF	11		

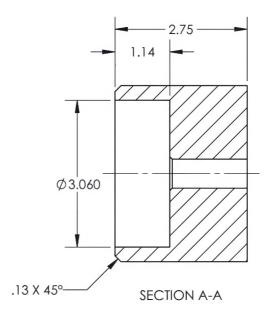


END CAP

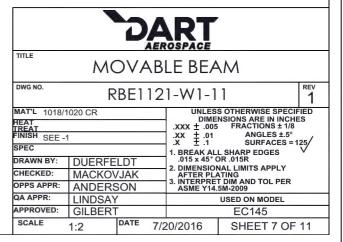
Ø3.670

		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED







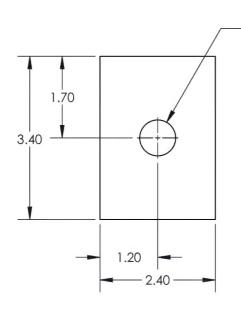


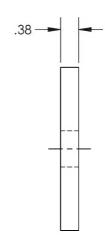


SOCKET

		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED







-∅ .748 THRU ALL

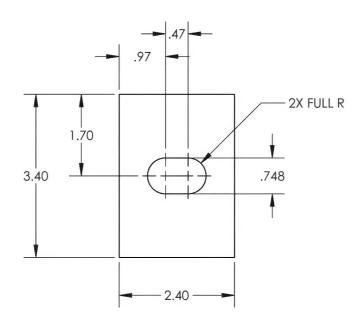
		D	AER	RT				
TITLE	MOVABLE BEAM							
DWG NO. RBE112				1-W1-1	3	REV 1		
MAT'L A36/10 HEAT TREAT FINISH SEE -1				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ±.5° .X ± .1 SURFACES = 125/ 1. BREAK ALL SHARP EDGES				
DRAWN BY: CHECKED: OPPS APPR:	DUERFE MACKOV ANDERS	/JAK		.015 x 45° C 2. DIMENSION AFTER PLA 3. INTERPRET ASME Y14.				
QA APPR: LINDSAY APPROVED: GILBERT				USED ON MODEL EC145				
SCALE	1:2	DATE	7/2	20/2016	SHEET 8 OF	11		

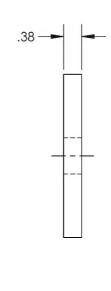
(-13

THRU HOLE PLATE

		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED





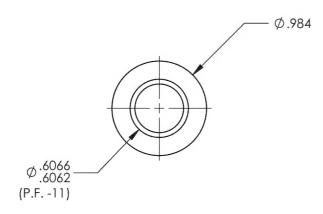


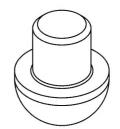
			RT			
TITLE	MC	OVAB	LE BEA	M		
DWG NO.	R	BE112	1-W1-1	5	REV 1	
MAT'L A36/10 HEAT TREAT FINISH SEE -1			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125/ 1. BREAK ALL SHARP EDGES			
DRAWN BY: CHECKED: OPPS APPR:	DUERFE MACKO\ ANDERS	/JAK	AFTER PLA	NAL LIMITS APPLY ATING T DIM AND TOL PER		
QA APPR: APPROVED:	LINDSAT			USED ON MODEL EC145		
SCALE	1:2	DATE 7/2	20/2016	SHEET 9 OF	11	

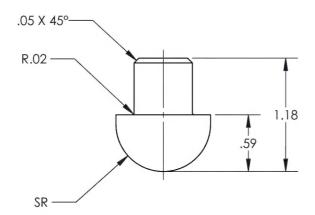


SLOTTED PLATE

		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED









MOVABLE BEAM

DWG NO.

RBE1121-W1-17

REV UNLESS OTHERWISE SPECIFIED

MAT'L 4140/	4142	
HEAT TREAT		
FINISH SEE -1		
SPEC		1.
DRAWN BY:	DUERFELDT	
CHECKED:	MACKOVJAK	
OPPS APPR:	ANDERSON	3.
QA APPR:	LINDSAY	

DIMENSIONS ARE IN INCHES

XXX ± .005 FRACTIONS ± 1/8

XX ± .01 ANGLES ±.5°

X ± .1 SURFACES = 125/

BREAK ALL SHARP EDGES
.015 x 45° OR .015R
.015R
.01MENSIONAL LIMITS APPLY
AFTER PLATING
.INTERPRET DIM AND TOL PER
ASME Y14.5M-2009 USED ON MODEL

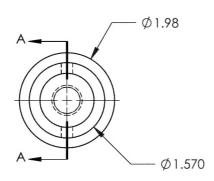
LINDSAY APPROVED: GILBERT EC145 SCALE 7/20/2016 **SHEET 10 OF 11** 1:1

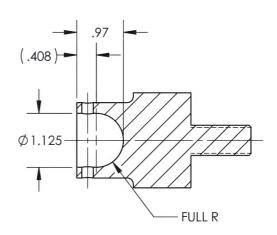


BALL

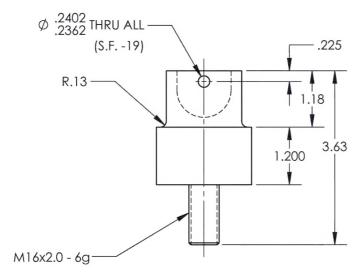
REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	

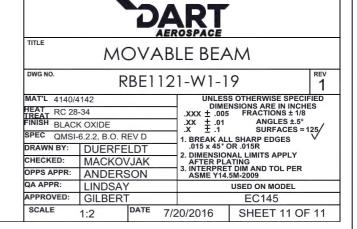






SECTION A-A





(-19

BUSHING